CLAIMS

1. A method for detecting an emitter signal, the method comprising acts of:

determining, for at least one of a plurality of emitters, at least two revisit times for detecting the at least one emitter, the at least two revisit times being determined for the at least one of the plurality of emitters at different detection sensitivities, respectively; and

determining whether the at least two revisit times are at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity.

2. The method according to claim 1, further comprising an act of correcting at least one of the at least two revisit times in response to the act of determining whether the at least two revisit times are at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity.

3. The method according to claim 1, further comprising an act of correcting at least one of the at least two revisit times in response to the act of determining whether the at least two revisit times are at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity.

4. The method according to claim 1, further comprising an act of determining a difference between the at least two revisit times, and based on that difference, determining whether at least one of the revisit times is corrected.

5. The method according to claim 4, wherein the act of determining the difference includes an act of subtracting at least one of the at least two revisit times from the other.

6. The method according to claim 2, wherein the act of correcting further comprises an act of arranging the at least two revisit times in an ascending order.

7. The method according to claim 1, further comprising an act of grouping the at least two revisit times in a first group, and determining whether the at least two revisit times are

at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity within the group.

8. The method according to claim 7, further comprising acts of determining a second group, the second group comprising at least one revisit time, and determining whether revisit times between the first and second group are increasing between the first and second groups with respect to an increasing sensitivity among the groups.

9. The method according to claim 8, wherein the first group and the second group are video bandwidth (VBW) groups.

10. The method according to claim 8, wherein the first group and the second group are instantaneous frequency (IF) groups.

11. The method according to claim 1, further comprising an act of displaying, if the at least two revisit times are not at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity, an indication of an error to a user.

12. The method according to claim 11, further comprising an act of providing a user the ability to ignore at least one of the at least two emitters.

13. The method according to claim 1, further comprising an act of arranging the at least two revisit times of the at least one emitter in at least one of an ascending and descending order based on their respective values.

14. A computer-readable medium having computer-readable signals stored thereon that define instructions that, as a result of being executed by a computer, instruct the computer to perform a method for detecting an emitter signal, the method comprising acts of:

determining, for at least one of a plurality of emitters, at least two revisit times for detecting the at least one emitter, the at least two revisit times being determined for the at least one of the plurality of emitters at different detection sensitivities, respectively; and

determining whether the at least two revisit times are at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity.

15. The computer-readable medium according to claim 14, wherein the method further comprises an act of correcting at least one of the at least two revisit times in response to the act of determining whether the at least two revisit times are at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity.

16. The computer-readable medium according to claim 14, wherein the method further comprises an act of correcting at least one of the at least two revisit times in response to the act of determining whether the at least two revisit times are at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity.

17. The computer-readable medium according to claim 14, wherein the method further comprises an act of determining a difference between the at least two revisit times, and based on that difference, determining whether at least one of the revisit times is corrected.

18. The computer-readable medium according to claim 17, wherein the act of determining the difference comprises an act of subtracting at least one of the at least two revisit times from the other.

19. The computer-readable medium according to claim 15, wherein the act of correcting comprises an act of arranging the at least two revisit times in an ascending order.

20. The computer-readable medium according to claim 14, wherein the method further comprises an act of grouping the at least two revisit times in a first group, and determining whether the at least two revisit times are at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity within the group.

21. The computer-readable medium according to claim 20, wherein the method further comprises acts of determining a second group, the second group comprising at least one revisit time, and determining whether revisit times between the first and second group are increasing between the first and second groups with respect to an increasing sensitivity among the groups.

22. The computer-readable medium according to claim 20, wherein the first group and the second group are video bandwidth (VBW) groups.

23. The computer-readable medium according to claim 20, wherein the first group and the second group are instantaneous frequency (IF) groups.

24. The computer-readable medium according to claim 14, wherein the method further comprises an act of displaying, if the at least two revisit times are not at least one of being equivalent or monotonically increasing in correspondence with an increasing detection sensitivity, an indication of an error to a user.